



Quarles & Brady Streich Lang LLP  
 Title: Method and System for Transmittal of Extended Data ...  
 Application Serial No.: 10/053,935 Filing Date: January 24, 2002  
 Inventor: Weismantel, G. Attorney Docket No.: 125090.00007

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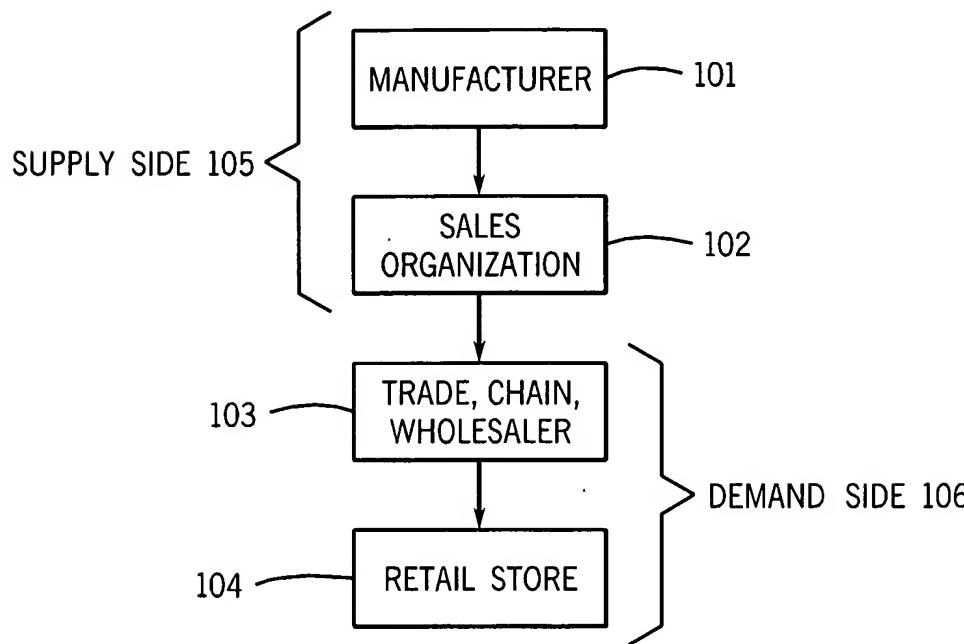


FIG. 1

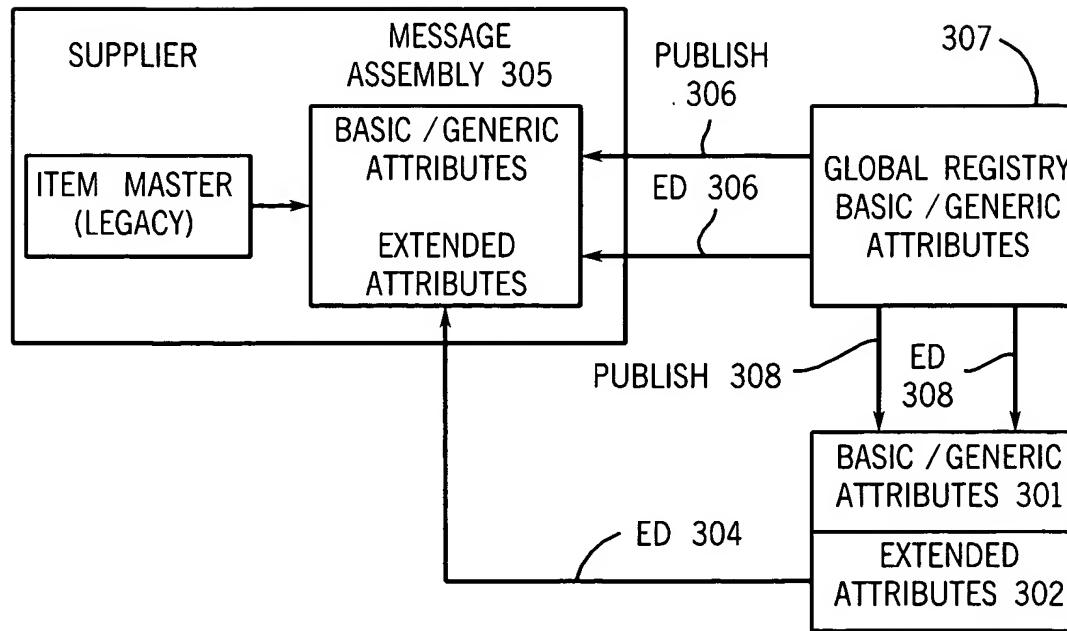


FIG. 3

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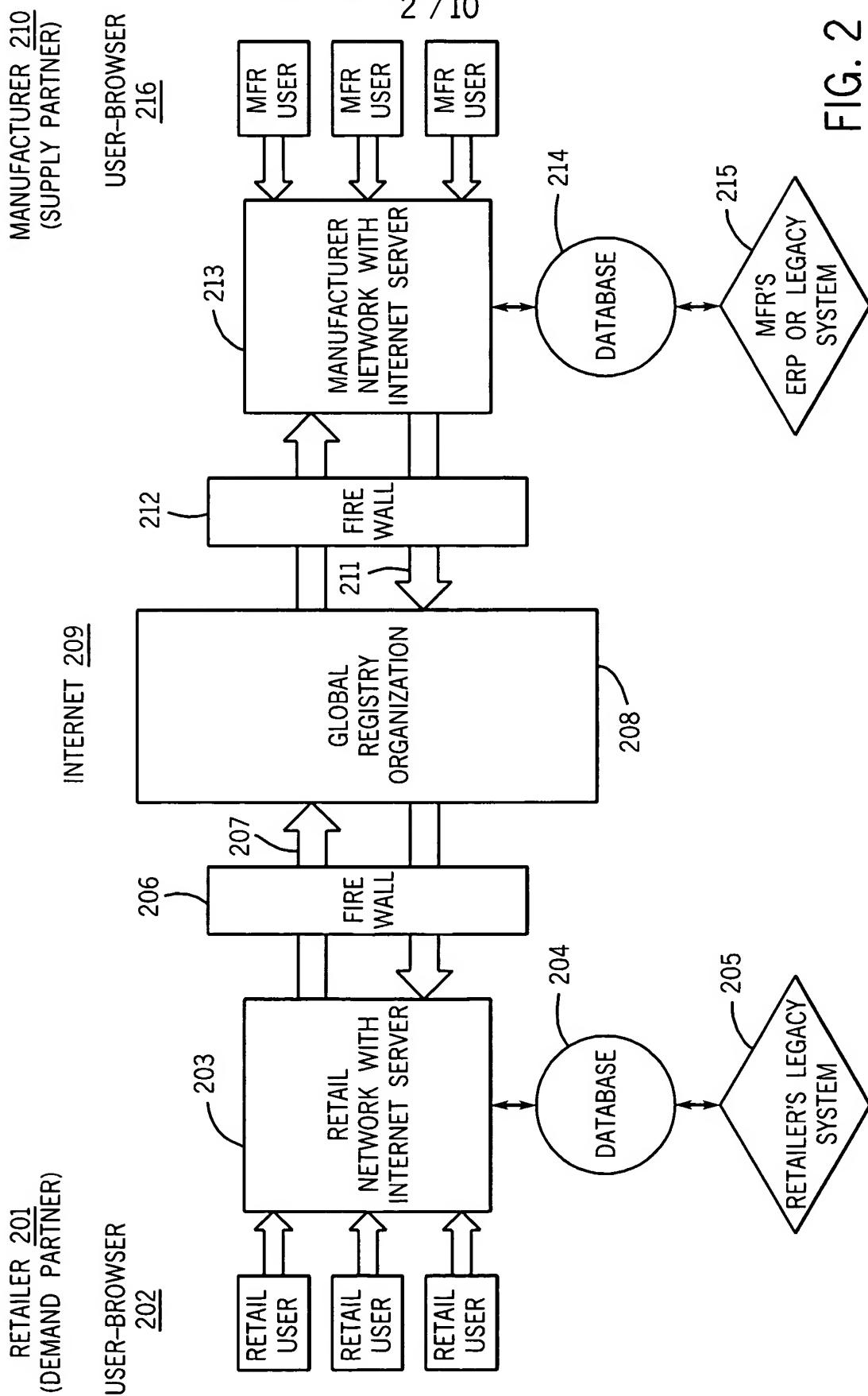


FIG. 2

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Data Manipulation for extenddefinition		401		402		403		404		405	
Extenddefinitionid	Name	Datatypeid	Description			Length	Entitytypeid	Req	Tpid		
4	Max Temp	2	maximum temperature			0	5	Y			
2	Boiling Point	2	boiling point of liquid			0	1	Y			
1	Tare Weight	2	Tare weight			0	1	Y			
3	Stackable Height	2	Stackable Height			0	1	Y			
7	Freezing Point	2	new and improved 2			0	1	N			
5	Freezer Temperature	2	Freezer Temperature			0	1	Y			
11	Flash Point	3	new and improved 2			0	1	Y			
21	Min Temp	3	for date			0	1	N			
25	Product Freezing Point	2	Product Freezing Point for product Category			0	4	Y			
26	Product Boiling Point	2	Product Boiling Point for product category			0	4	Y			
27	Alcohol Content	2	The Alcohol Content in Percent			0	1	N			
28	Max Alcohol Content	2				0	1	N			
31	Net Color	1	the net color of an item reqd			50	1	N			
29	\$ per ounce	2	cents per ounce			0	1	N			
30	Max Alcohol Content	1	Max Alcohol Content			100	4	Y			
32	Min Alcohol Content	2	The minimum amount of Alcohol			0	1	N			
33	Iron Content	1	How much iron in the product			25	1	Y			

FIG. 4A

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Data Manipulation for extendlldatatype		
Extendlldatatypeid	Name	Description
1	STRING	TEXT OF VARIOUS LENGTHS
2	NUMBER	NUMERIC
3	DATE	DATE DATATYPE

FIG. 4B

Data Manipulation for extendlldatatype		
Extendlldatatypeid	Name	Description
1	ITEM	
2	PROMO	
3	PRICE	

FIG. 4C

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EXTENDVALUES: Table(EVISTARTEIL\_DEV)

EXTENDVALUESID	DEFINITIONID	VALUE	ENTITYID
39	2	100C	296
40	2	23 23 65	671
41	4	5	689
1	1	36 lbs	561
2	5	-15F	561
42	4	986566	690
43	2	6	690
44	1	65	690
45	3	56	690
46	7	5	690
37	4	extra	531
47	5	56	690
48	11	56	690

FIG. 4D

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FIG. 5A

501

Vista Retail

ABC Foods

Messages	Categories	Publications	Setup	Trading Partner	Org Units	Tools	Logout
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**Extended Data Maintenance – Add, Update**

502

Add New

Change sort entity type: ITEM

Name	Type	Length	Description	Required
Alcohol Content	STRING	12	Alcohol Content	Y
Boiling Point	NUMBER	0	Boiling Point Of Liquid	Y
Max Temp	NUMBER	0	Maximum Temperature	Y

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**FIG. 5B**

The screenshot shows a software application window titled "Extended Data Maintenance - Add". At the top, there is a menu bar with icons for Vista Retail, Categories, Publications, Setup, Trading Partner, Org Units, Tools, Logout, and ABC Foods. Below the menu bar is a toolbar with the same icons. The main area contains several input fields and labels:

- Name: Flash Point
- Data type: NUMBER
- Length: 503
- Description: Combustion Point
- Entity type: ITEM
- Required:

At the bottom right of the input area are two buttons: "Save" and "Cancel".

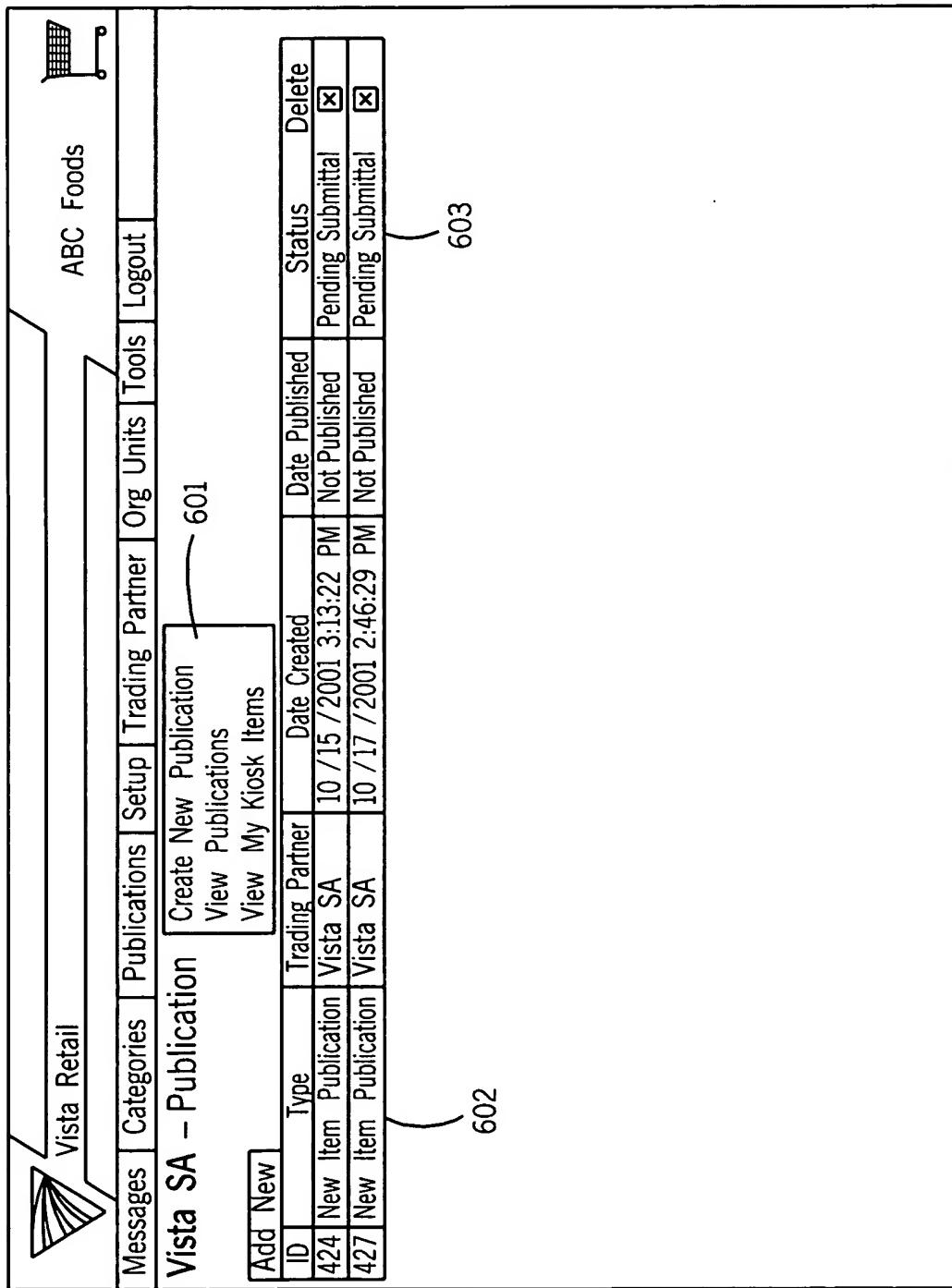
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**FIG. 6A**



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 <b>Vista Retail</b>		 <b>ABC Foods</b>													
<table border="1"> <tr> <th>Messages</th> <th>Categories</th> <th>Publications</th> <th>Setup</th> </tr> <tr> <td colspan="4"> <b>Vista SA - Publication 4.30</b>                      To create new items,                      Select Product Category...                      Categories: CHILLED / REFRIGERATED                     <div style="float: right;">604</div> </td> </tr> <tr> <td colspan="4"> <div style="border: 1px solid black; padding: 5px;"> <span style="border: 1px solid black; padding: 2px;">Publication</span> <span style="border: 1px solid black; padding: 2px;">Basic</span> <span style="border: 1px solid black; padding: 2px;">Extended</span> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <span style="border: 1px solid black; padding: 2px;">Category:</span> <span style="border: 1px solid black; padding: 2px;">Ref. ID:</span> <span style="border: 1px solid black; padding: 2px;">UPC Type: <input type="checkbox"/></span> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <span style="border: 1px solid black; padding: 2px;">GTIN: 56123456789101</span> <span style="border: 1px solid black; padding: 2px;">Name: Vista Berry Juice</span> <span style="border: 1px solid black; padding: 2px;">UPC: 555123456789</span> <span style="border: 1px solid black; padding: 2px;">Dates</span> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <span style="border: 1px solid black; padding: 2px;">First Order: 10/1/2001</span> <span style="border: 1px solid black; padding: 2px;">Last Order: 11/1/2001</span> <span style="border: 1px solid black; padding: 2px;">Last Ship: 11/6/2001</span> <span style="border: 1px solid black; padding: 2px;">First Arrival: 10/6/2001</span> <span style="border: 1px solid black; padding: 2px;">Last Arrival: 10/9/2001</span> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <span style="border: 1px solid black; padding: 2px;">Ordering</span> <div style="display: flex; justify-content: space-around;"> <span style="border: 1px solid black; padding: 2px;">Increment: 4</span> <span style="border: 1px solid black; padding: 2px;">Orderable: <input checked="" type="radio"/> Yes</span> <span style="border: 1px solid black; padding: 2px;">ONo</span> </div> <div style="display: flex; justify-content: space-around;"> <span style="border: 1px solid black; padding: 2px;">Min Ship: 25</span> <span style="border: 1px solid black; padding: 2px;">Max Ship: 100</span> </div> <div style="display: flex; justify-content: space-around;"> <span style="border: 1px solid black; padding: 2px;">Min Order: 25</span> <span style="border: 1px solid black; padding: 2px;">Max Order: 100</span> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <span style="border: 1px solid black; padding: 2px;">Dimensions</span> <div style="display: flex; justify-content: space-around;"> <span style="border: 1px solid black; padding: 2px;">Height: 10 cm <input type="checkbox"/></span> <span style="border: 1px solid black; padding: 2px;">Prod Type: <input type="checkbox"/></span> </div> <div style="display: flex; justify-content: space-around;"> <span style="border: 1px solid black; padding: 2px;">Length: 25</span> <span style="border: 1px solid black; padding: 2px;">Rack: 6</span> </div> <div style="display: flex; justify-content: space-around;"> <span style="border: 1px solid black; padding: 2px;">Width: 5</span> <span style="border: 1px solid black; padding: 2px;">Inner Pack:</span> </div> <div style="display: flex; justify-content: space-around;"> <span style="border: 1px solid black; padding: 2px;">Volume: 60 cc <input type="checkbox"/></span> <span style="border: 1px solid black; padding: 2px;">Pallet Hi: 4</span> </div> <div style="display: flex; justify-content: space-around;"> <span style="border: 1px solid black; padding: 2px;">Net Weight: 12 oz <input type="checkbox"/></span> <span style="border: 1px solid black; padding: 2px;">Pallet Ti: 1</span> </div> <div style="display: flex; justify-content: space-around;"> <span style="border: 1px solid black; padding: 2px;">Gross Wt: 1</span> <span style="border: 1px solid black; padding: 2px;">Size UOM: 4 CA <input type="checkbox"/></span> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px; text-align: center;"> <span style="border: 1px solid black; padding: 2px;">Cancel</span> <span style="border: 1px solid black; padding: 2px;">Save</span> </div> </td> </tr> </table>				Messages	Categories	Publications	Setup	<b>Vista SA - Publication 4.30</b> To create new items, Select Product Category... 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FIG. 6B

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**FIG. 6C**

